1:Marshall E-5 (1952-1953) 1959 FX10 Bushmen FX10
Kung

side. /Gunda sat behind the line of boys, in a deep shadow, to show that he was 159
' ashamed ' and respected (feared, *koa*) the wedding scherm. 585

One of the boys began to play, not their ceremonial music or special wedding music, but songs of the *//guashi*, as they call them, the little wordless melodies these [533] people compose about happenings in their lives, about pleasures or distress, about their moods. They play and sing these melodies for hours upon hours in the afternoons when they are resting or in the evenings by their fires, and they played for hours that night at the wedding fire.

Soon young guests began to arrive, the children of both werfs with whom /Nai played, all of them younger than the boys who attended /Gunda and the girls who carried /Nai. The youngest guest was the ubiquitous three-year-old boy who never missed anything. No adults came.

One boy brought four mangetti nuts with him and roasted, cracked, and ate them himself. That was all that appeared by way of a feast. Di/ai said that they would like to have given the children something to eat but there was nothing in the werf that night. Even though the others had had something to eat, the bride and groom would have had to abstain. They must not talk or eat, to show they are ' ashamed '. The young guests seemed to enjoy themselves, nevertheless, and were still singing and chatting when I left at midnight.

Soon after sunrise the following morning—/Gunda had already departed—/Nai's mother went to the wedding scherm and sat down beside the embers of the night's fire. /Nai stood shivering beside her in her little genital apron and the duiker skin [291] which women wear around their buttocks and up between their legs, but stripped of her kaross. The mother had brought a little fat (eland fat, if they had it, would be [825] used) and a bit of powdered red stone, one of the red earths (*/gam /gai gwoie*), mixed with fat. She rubbed /Nai all over with the fat, and drew a line on her forehead and [302] a circular design on her cheeks with the red powder mixed with fat. Over in werf 2, Gao, Nai's stepfather, presented /Gunda with a blanket.

This completed the wedding ceremony.

/Nai was a lively child who loved the dancing and singing games the girls play. 159
She often danced alone, tapping her bare feet on a stone in rapid rhythm or making a 462
game of printing a design in the sand with tiny steps. She liked babies and as often as not had her infant half-brother or some very small cousin tied to her back. That morning she appeared to turn into a housewife as though it were her next blithe step. When the women went to gather veldkos, she put on her own little duiker skin [222] kaross, took her digging-stick and went with them. At the end of the day, when they returned in the slanting sunset light, she had two big roots. She went straight to her own fire, blew on the embers, added wood, and sat down. Three ostrich egg shells [415] full of water and her digging-stick were her household goods. These she arranged beside the scherm. /Gunda came and sat down opposite her. She smiled at him and set the roots in the ashes to cook.

It has been said in talks with informants that the bridegroom must bring an 159
antelope which he himself has killed to the parents of the bride before the wedding, 183
but no animal had been brought; there had not been a scrap of meat in the werf for 585
days. I asked Di/ai about this. ' Oh, that,' she said in effect. ' Yes, he should give me an antelope, but we thought we would have the wedding first and that /Gunda would

/139 cont./

372 are made in one of the sticks, and the rounded end of the other stick fits into them. [Figs. 1, 2, and 3 appear here.]

The first stick is placed on the ground and held down with both feet. The other stick is placed with its round end in one of the hollows, and it is twirled as rapidly as possible between the flat palms of the hands. As can be seen in the picture Photo. 19), the hands slide downward during this process, and frequently a second man immediately starts at the top when the hands of the first operator have moved all the way down. A kind of tinder of thoroughly dried birds' nests (weaver bird?) is placed around the bored hole. The fine dust from the twirling begins to smoulder after a few minutes, and the tinder is then fanned to a flame by blowing with the mouth.

[622] The "captain" (aichab) of the settlement sees to it that the fire does not go out. A "sacred" fire does not exist. Keeping the fire from going out is a matter of sheer practicality since twirling to make fire is, after all, fairly strenuous.

354 A few stones, which, incidentally, are not found everywhere in the Kalahari, represent the hearth. In rainy weather cooking is done inside the windscreen.

462 The woman does the cooking while the children help her. In exceptional cases the paterfamilias may busy himself at the cooking fire.

On occasion all the members of a family will go out to get water and wood. Construction of the house is purely woman's work. Bachelors' huts are likewise built by the women of the horde.

415 Wooden cooking pots exist. Supposedly they are obtained
439 through barter from the Ambo.

The Auin either carves primitive spoons out of wood himself,
322 or he obtains them through barter from the region of the Ngami
415 [Lake Ngami?]. ~~Frequently special~~ artists at carving are to be
[439] found among the older men. The upper, concave part of a
415 small turtle shell, whose lower, flat side has been cut off, often
[321] serves as a spoon.

These shells are also used as drinking vessels, and, along with hollowed-out tschama, they are the only drinking vessels that I found.

/139 cont./

412 Mortars are made of wood and have a stone floor. Their
322 construction is extremely laborious. A block of wood is buried in the ground, stamped down, and then hollowed out with the iron point of the lance or a knife. For this purpose, the iron is sometimes heated. Fire is not used. The wooden pestle is furnished with a stone at one end. The stone on the floor of the
[381] mortar is cemented with tree resin.

[373] Burning branches are used as a kind of torch, but only briefly in the vicinity of the fire.

Photograph 18 illustrates the shape of the mortar and the pestle. The mortar is made of soft wood hollowed out with a lance point. Fire is not used to hollow it out (see above).

Household utensils. Two flat stones to pound hard veld
●415 fruit. Spoons crudely carved out of wood. Wooden pot or empty
[531] ostrich eggs /140/ with a round hole as water containers. Fre-
[412] quently some kind of decoration is applied. Digging stick pointed at one end.

301 Ornamentation. Unfortunately I did not have time to ob-
531 tain more precise data concerning ornamentation. Ornaments are attached to many objects and consist of such things as ostrich eggs and pipe plugs (which are worn on a string around the neck).

264 Generally speaking, the Auin has three meals a day (morning, afternoon, and evening). If he has enough food, however, he may eat all day long, with the necessary intervals, and, if it is not too cold, even during the night.

262 There is no special menu. Whatever is available is eaten. The hyena is not eaten because it "devours corpses." The leopard is supposedly not eaten by all the people. The reason for this is unknown to me. The shabrack jackal is frequently spurned because it "is a dog." On the other hand, they like to eat the silver jackal, because it "does not eat vermin."

[858] Young girls who have not yet menstruated and boys before
[882] they have reached adulthood may not eat game meat because if they did, they would "remain skinny."

266 I have never observed any traces of cannibalism. Furthermore, I was told by old, experienced natives of other races (Klipp Kaffir) that they had never heard of Bushmen eating human flesh.

/142 cont./

304 Also, in rare cases the labia minora are supposedly stretched by pulling them with the hand.

F. Clothing

291 The clothing of the Auin can be seen in Photographs 25 and 26.

Men's Clothing

a) Cap made of hide (jackal, jumping hare, Erdmännchen [field mouse?], cat).

a[1]) War cap made of the hide of the aardwolf (see also Photo. 21), only worn in war.

b) Loincloths, always made of ibex hide. A string runs from the loincloth back through the buttock crease and is fastened tightly to the hip band from which the loincloth is suspended in front. The entire contraption has somewhat the same effect as a suspensory in that the scrotum is raised somewhat (see Photos. 9-11).

c) Cloak, always made of ibex hide.

● [415] d) Collecting bag, always made of ibex hide.

In addition, one often sees sandals made of the hide of a large antelope, or sandals for running (see Fig. 5). [Fig. 5 appears here.]

[293] Further, there is a kind of fan consisting of a jackal tail fastened to the end of a stick, as well as gaiters made of antelope skin. The latter are /143/ worn by men and women, particularly in thorny terrain. In shape they resemble the Greek greaves.

Women's Clothing (see Photos. 27 and 28)

a) Head ornament. On less festive occasions, a cap styled like the men's peace cap is often worn instead of the head ornament. Usually the head is uncovered on top.

b) Modesty apron. As can be seen in Photographs 12 to 14, this consists of a bundle of leather strips suspended from a string

[Text continues on page 19]

/143 cont./

291 around the hip. The modesty apron with ostrich egg shell ornaments shown in Photograph 12 on the woman farthest to the left is supposed to have been traded from Makoba [the Koba?]. I have never seen a back apron.

c) Cloak of duiker or ibex hide. This always covers the buttocks.

d) Collecting bag (like the men's bag).

f) Digging stick.

Children's Clothing (see Photo. 22)

Girls: modesty apron and cloak.

Boys: loincloth and cloak. A collecting bag is carried by [415] both boys and girls.

The children receive the loincloth or modesty apron when they are about five years old.

294 The articles of clothing are sewed. Holes are drilled with [412] an iron awl, made of any little piece of iron picked up somewhere, or with a bone splinter. The sewing is done by drawing animal tendons through the holes.

123 When I photographed some Auin women in the nude (1), I had 834

1. I am fully aware that the following is not to be regarded as a "denial of the sense of shame." I have mentioned the matter here simply because I could not fit it in elsewhere.

to take care that all the Auin men, who incidentally, had given their consent, were removed. Several Whites and Herero, on the other hand, were allowed to remain.

G. Weapons (see Photos. 25 and 26)

411 [412] f) Digging stick, also used for beating and as a throwing club.

g) Bow and arrows.

h) Throwing lance.

/147 cont./

222 Rosinkis of the Boers
. So-called "wild cucumbers"
Mushrooms which grow on termite hills

251 The veld crop that has been gathered is kept in the huts in
[415] little sacks made of duiker or ibex leather.

/148/ The Auin also stores small caches of provisions by burying sacks of veld crops; he likewise buries tschamma or ostrich egg shells filled with water. In the tops of large trees one often finds, aside from animal hides, provisions of veld crops which are kept there. [Fig. 9 appears here.]

423 Land is held in common, that is, it is the common property of a horde consisting of several families. The game in this territory, as well as the wood and the veld crops, is exclusively for the use of the members of the community that holds the land. The watering places that are to be found there are available for general use, but only if water is abundant. If water is scarce, the local group that holds the land has exclusive right to it.

361 The local groups sometimes live at considerable distances
423 from one another so that the same land is used by several settle-
621 ments. The settlements, after all, do not consist of a fixed number of families, but rather of those who are gathered together in fortuitous groupings as the occasion arises. Whatever the accidental composition of the settlements may be, their members always move within a definite area, and it is always the members of the same larger horde who form the settlements.

423 Friendly hordes permit tracking, that is, game that has been
619 wounded on the land of one horde may be pursued on the territory of a friendly horde. A part of the booty is allotted to the "land-
[685] owner" within whose territory the game is killed. A definite agreement is required in each case since the Bushman attacks on sight any strange Bushman on his family's terrain.

628 Blood vengeance is not sought for a violation of territory if the local groups are especially friendly. The offender is driven off and, in addition, just as in Prussia, his "firearms" and booty are confiscated. The policing of the terrain is done by each Bushman on his communal land.

[721] If women are caught trespassing, they are taken prisoner and led to the settlement of the owners of the terrain. This frequently leads to war if the women are harmed sexually during their captivity.

[Text continues on page 32]

/152 cont./

804 reflective and sly facial expression is exactly the same as ours.

O. Techniques

439 511 A definite domestic industry is present. Whatever the Auin really needs, he is able to manufacture for himself. All imported objects are luxury items. I make an exception in the case of the iron lance points, but I believe that if necessary the Bushman could even do without them.

463 The beginnings of a division of labor can be seen in the fact that only certain individuals practice the smith's trade, which, incidentally, does not extend to the manufacture of lance points.

323 Pottery is unknown.

439 Pots, supposedly from the Okovangga, are to be found sporadically. The Auin, however, is unable to repair such a vessel, as by puttying.

285 Rings of braided grass are manufactured. I myself have never seen them, since they are only made of young, but no longer green grass, in other words, shortly after the rainy season.

[294] It is said that at the same time of year certain special artists braid hat-like head coverings.

The grass rings and hats have only a limited durability, for in September and October there was none left for me to see.

[415] Sieves are made of parallel grass leaves joined together by thin strings. They are used to strain food.

"Kirris" are made with attractive decorations (Fig. 12).

413 531 A root stock with a knotty end is peeled and made smooth. A kind of pyrography is practiced on it by wrapping it, leaving bare spaces, with a long strip of the wet bark that was peeled off, and then placing the entire stick in red-hot coals. The unwrapped parts burn to a black color, while the other parts remain white.

I could not learn the purpose of these decorated sticks among the Auin. They use rough, pointed sticks for digging sticks. The kirris, therefore, seem to be luxury articles.

412 Iron knives, sharpened pieces of iron, or lance points are used as tools. As an example of pyrography, see the pipe plug, page 33.

/152 cont./

415 Mortars and pestles, as well as spoons of wood, are made (see Photo. 18).

[287] Painting and bark working are unknown.

171/281 The preparation of hides is the same as that practiced by the Hottentot, Herero, Bergdamara, and Betschuana. Hence, I shall dispense with a description of the process.

281/386 The women's cosmetic described above is used to dye clothing made of hides. The dye is rubbed on with the ball of the hand and is comparatively waterproof.

To be sure, it is questionable whether this process may be called "dyeing." The hides are already red from the tanning process, and the cosmetic scarcely changes the color. Perhaps it is better regarded as impregnation or greasing.

386/438 /153/ The colored stones that are pulverized and mixed with fat to make the cosmetic are dug up near Kaitsaub (45 kilometers south of Gobabis) by the Hai//um Bushmen residing there, and they constitute an article of trade. [Fig. 12 appears here.]

283 The beautiful and durable cordage of the Auin is made of the fiber of a wild agave. It looks so neat and clean that one might suspect its origin to have been in a European rope factory rather than in a Bushman settlement.

The cords are made in various strengths and are used for all kinds of purposes, mainly for the game snares.

Their manufacture is very simple and proceeds very rapidly.

The leaf is softened by tapping with a wooden stick, and it is then placed on a firm base. One hand holds a pointed stick or a blunt knife firmly on the leaf, while the other hand draws the leaf against the vertically held knife and toward the body. After this has been repeated several times, the strong fibers remain and are then rolled together into cords of the thickness and length desired.

Industrial use of Bushman cordage does not seem impossible to me.

412 As a drill, the lance point or an iron knife is used, frequently red-hot.

325 Only pieces of iron found accidentally are worked. The extraction of iron from ore is unknown.

Charcoal made from the giraffe acacia is the preferred fuel [372] for ironworking.

[Text continues on page 43]

2: Kaufmann--60 G-5 (1908) 1910 FX10 Bushmen FX10
Auen
142
291
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[415]

Auin from Olifantskluft. Photo. 1.

Photo. 3.

Photo. 5
Auin from Rietfontein (North)

142

Auen

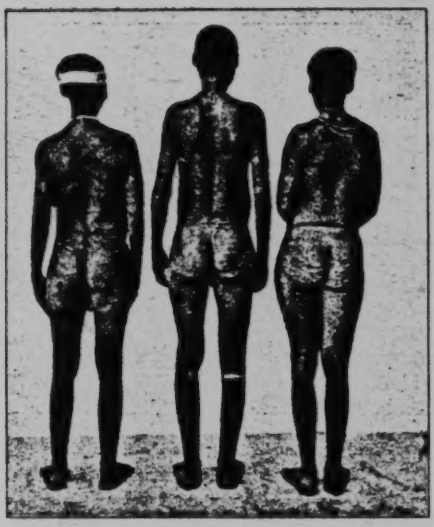

Photo. 14 [see Photo. 13]
≠Auin from Rietfontein (North)

342

Photo. 16.
Windscreen Half-covered.

[415]
[516]

Photo. 18.
Windscreen (covered) and Mortar with Pestle.

[36 cont.]

Cooking and Cooking Utensils

354 Lumps of surface limestone are generally used as hearthstones.
412 Here and there, as a great rarity, one finds a pounding stone of quartzite.

To pound the veldkost, small mortars, carved out of wood, with conical or hemispherical bottoms are used. In case the mortars become damaged, holes are made on either side of the crack, and the flaw is drawn together with bast strips and also smeared over with resin. The shape of the pestle, which is from 50 centimeters to one meter long, is shown in Figure 7.

415 Originally these !Kung had no pots and probably had no
(252) way of boiling anything. The usual manner of preparing food even today is to roast and grill it on and between hot stones. Nowadays,
[439] every horde owns a number of pots acquired from the Okawango.
[462] These pots have bast or tendon plaiting around them, by which they are fastened when carried on the march. The Okawango people
[439] gladly exchange these water pots, which they have carried with them on the waterless stretch, for food from the Bushmen in the area between Karakowisa and Nuragas.

416 Small cast-iron tripods are a very popular article. A
417 longish, crudely carved stirring stick, as well as a piece of hardwood for arranging the fire, completes the inventory of the Bushman kitchen. Spoons are unknown.

Clothing

291 The clothing of the woman, as has already been repeatedly described, consists of a front apron and a back apron, made of soft leather, and a leather cloak something like a pelerine. Usually she also has a carrying hide for the baby. Generally, the child does
[854] not sit on her back, as among the Blacks, but on the side of her hip.
[415] In addition, the woman has the large veld bag in which she keeps the
[412] finds from her collecting. On the march, the woman is equipped with the simple digging stick, pointed at the bottom.

The men are clothed only with the modesty apron and in addition

412

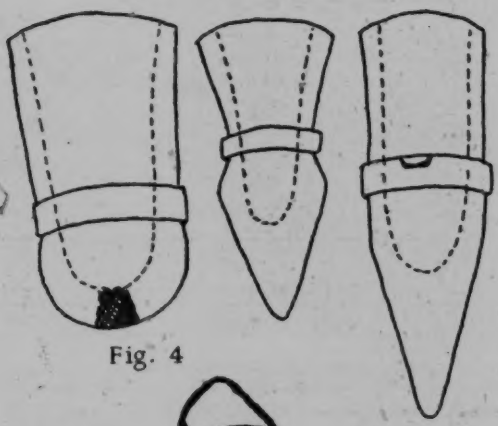

Fig. 4

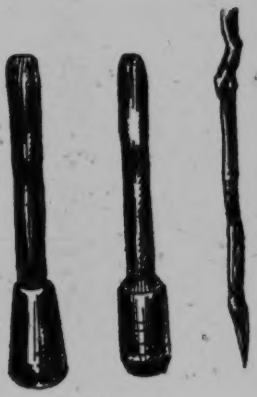

Fig. 7

415
412

Fig. 5

Fig. 6

Fig. 8

(Captions on following page.)

[38 cont.]

412 Fig. 4. Wooden Mortars of the !Kung. (1/4 natural size [as shown in the original text]).
415

Fig. 5. Wooden Vessels of the !Kung.

Fig. 6. Large Wooden Bowl of the !Kung (probably imported from the north — Museum of Ethnology, Berlin, III, D. 2158).

Fig. 7. Pestle and Digging Stick or the !Kung (greatly reduced).

Fig. 8. (1) Digging Stick with !Kwe; (2) Veld Hoe (Museum of Ethnology, Berlin, III, D. 1278 and 1497).

301 lengthen them. Some people possess such a great number of these chains that they cover the entire forehead. Children often wear small rectangular pendants, and women have large, medallion-like round ones that are worn like a diadem in the middle of the forehead. Little chains of small ostrich egg beads up to five centimeters long are worn as ear pendants. Children are also given armbands and anklebands made of ostrich egg beads. Brass beads from ancient times are rare and are worn exclusively as hair pendants, as are copper beads. Glass beads are not greatly valued, and only blue ones are worn, if any. On the other hand, beads made from aromatic wood are common. Longer chains of alter-
[752] nating wood and ostrich egg beads and worn in the hair are insignia
[827] of the female doctors. The men have tight little leather straps at the wrists and ankles, which probably serve to strengthen the
[411] musculature in running and using the bow. In addition, they have a few armbands of brass or iron. Every man and woman wears a string around the neck, which has one or two appetite sticks (see
[777] below) and various talismans attached at the front. Finally, a little horn containing various kinds of medicine is worn around the neck by many of the men. The younger women and girls
[303] usually also possess a tortoise shell powder box of the kind described below for the Dama. Body painting is scarcely practiced;
[302] concerning tattooing, see page 56. The children occasionally wear armbands that they make themselves with grass or various fruits.

[39 cont.]

411 The head is made of a quadrangular piece of iron 30 to 40 centimeters long and set into the shaft with a short connective piece. The shaft is reinforced at this point by a winding of iron wire. [40] [Fig. 12 appears here.]

[41] Musical Instruments

534 [439] Large dance drums are very popular, but are not made by the !Kung themselves; they are obtained in trade from the Okawango. Once, when I purchased such a drum from a trader of ostrich egg beads in the region of Kuntsas (the drum always be- [422] longs to a specific person; collective ownership of utilitarian objects is unknown among the Bushmen), he asked me to let him keep the drum until evening so that each man would be able to drum once more. The dance rattles made of fruit are no longer to be found except in very small numbers. The !Kung are also supposed to possess wooden trumpets used on special occasions. I have never seen them.

413 [304] Finally a small number of special utilitarian objects should be mentioned. In practicing their calling, the doctors use cupping glasses, made of antelope horn, and blunt little sticks to knock out 177 teeth. Poisons and medicines are now manufactured and cooked 415 in empty tin cans; in fact, tin cans and tin gasoline containers are 278 gradually becoming universal objects even among the Bushmen. 805 Messenger sticks or calendar sticks are made on special occasions; 211 these are little staffs or little boards with one or two rows of holes. For example, if I tell the Bushman that I will return in five months, he will draw a string through five of the holes and knot it. At each full moon, the string is drawn back one hole.

12. Social Organization

622 [614] [888] [623] Each kin group has a chief, whose position is hereditary. To be sure, his powers are insignificant because one's whole life is public, so to speak, and the authority of the old men is so great that the decisions arrived at are essentially agreements BETWEEN THE CHIEF AND THE OTHER OLD MEN.

[TEXT CONTINUES ON p. 25]

≠AOIN
NARON
NOGAO

[79 cont.]

224 water or Brak (salt) place and is prevented from turning off the track by thorn branches placed on either side of the worn track, steps on the little stick lying just below the ground, which moves it out of position and releases the end of the little transverse stick. The string, having lost its hold, releases the bent tree, which snapping back, tightens the noose around the leg of the game and holds the animal imprisoned until the Bushman brutally kills it with a number of blows of his kirri, which is carved out of hard
223 wood. For various kinds of fowl, doves, etc., the Bushman prepares similar slings with thinner string, which are set up in the same way except that the sling is not placed on the ground but is held two or three centimeters above the ground by means of little sticks planted in a circle. In the center of the circle, on a little stick loosely covered with sand, there are a few maize kernels or berries. When the bird picks them up, he moves the little stick out of position and finds his neck in the sling. -- As household
● 415 implements among the Kalahari Bushmen, in addition to the hollow
237 ostrich eggs used to carry water, I found water sacks made from the inner peritoneum of an animal, not unlike a pig's bladder; these water sacks are closed with a short stick and leather string.
[312] The ostrich eggs also serve the Bushmen as artificial watering places in the dry stretches of the water-poor steppe regions, in which a number of them are hidden under the sand.

415 "Among the other household utensils of the Bushmen, I also found flat, wooden vessels, wooden mortars, and earthen pots of various sizes. The wooden vessels, which are completely different from those of the Herero, are, according to their own state-
[439] ments, obtained in trade from their northern neighbors. The earthen pots likewise are not made by the Bushmen themselves. In form they are somewhat reminiscent of the wooden Omeira pots of the Herero and, as a Herero half-breed declared and demon-
000 strated to me, are manufactured in the following manner. A lump of soft and thoroughly kneaded clay is spread out over the naked, moistened knee, so that first of all it assumes the form of the knee. The calf of the leg must be pressed to the thigh in order to obtain the correct shape. Then the clay is carefully taken off, and the shape of the vessel is improved and perfected by kneading it with the fingers. Finally simple decorations are scratched into it with a

3: Lebzelter--164 E-5 (1926-1928) 1934 FX10 Bushmen FX10

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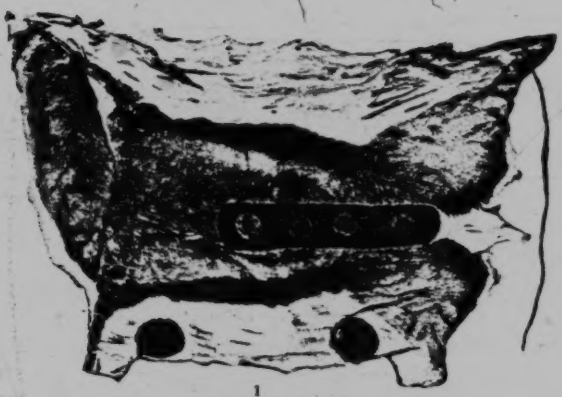

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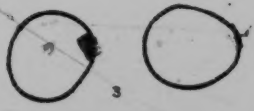

Plate VI

1. Back Apron (Betschuana), 2. Neck Band (Bushmen), 3. Grass Armbands, 4. Fly Swatters (!Kung), 5. Hide Sack (Kaunas Hottentot), (Museum for Ethnology, Berlin).

6. Bushman Arrows (Cape Province ?) (Lindenmuseum, Stuttgart).

/257 cont./

301 people that I did not find among the Heikum. The Kung of the Kaukau Veld had rings braided from wildebeest tail hairs as arm and neck ornaments, and had made similar arm and leg rings from twisted grass. Furthermore they wore strings of twisted bast criss-crossed over the chest in considerable numbers. In addition, in the Kaukau Veld I found neck rings of dried and braided antelope tendons and, in larger numbers than among the Heikum, copper, [439] brass, and iron rings. The latter are obtained by the Kung Bushmen of the Kaukau Veld through trade with the Ovambo [Ambo] and Betschuana [Tswana] in exchange for ostrich eggs and antelope hides.

415 Like their clothing, the house furnishings of the Bushmen are also very simple and quickly enumerated.

Wooden pans of various sizes, without handles, are generally found in every hut. For the pounding of food, the Bushmen use a cylindrical, mortar-like wooden vessel with thick walls and a [412] very strong bottom. A heavy staff about 30 centimeters long and four centimeters thick is used for pounding.

352 For chairs, they use wooden stools which by European standards are absurdly small. They consist of two circular wooden disks scarcely the size of a hand and joined by two wooden rods. They stand about ten centimeters high.

412 There are plenty of axes in the villages. They consist of small iron blades attached to thick wooden handles. The shape of the axe shows that the value of the iron necessitates frugal use of this valuable metal. The force of the blow, which in the case of European axes is produced by the weight of the iron part, is achieved by the Bushmen through a club-like enlargement of the wooden handle near the end of the axe. Side by side with axes that have a longitudinally-placed cutting edge, one also finds axes with a transverse cutting edge.

A common tool is the knife for removing hair from animal skins. This knife consists of a short, transverse iron blade imbedded in a wooden handle.

276 There are various kinds of tobacco pipes. The Bushmen, who find a leaf tobacco in the bush throughout the year, are experts at making an improvised pipe bowl from a root tubercle in the shortest possible time. Large pipes made of the end of a kudu horn

/257 cont./

276 that has been cut off are very popular. The cut surface of the end of the horn is pressed to the mouth, and the smoke is sucked into the lungs in a deep draught. Very frequently simple cartridges are used as primitive, but nevertheless serviceable tobacco pipes.
[439] Clay pipes, which are not uncommon in the Kaukau Veld, are imported from the Betschuana.

/258/ A common kitchen utensil is a large, flat wooden
● 415 spoon with a bent handle, which, however, is not used to place food in the mouth, but only to fill vessels. The Bushmen eat with
[264] their fingers; they drink their soups from the communal wooden bowl and polish up the rest with a crooked index finger and by licking it out with the tongue.

As pots they use pumpkin [melon?] vessels bound with leather
[482] thongs and carried over the shoulder on sticks.

As a special display object in many a hut one finds a large clay vessel with strong walls and decorated with white bands that
[439] have been notched into it. This vessel is imported from the Ovambo.

372 The tools for firemaking command special interest. The Bushman is acquainted with two, the dáni and the //oro.

The dáni (dâ = fire) consists of two wooden sticks, each about 40 centimeters long. The rounded-off end of the one stick fits into a pan-like cavity at the end of the other stick. The edge of the pan is provided with a little opening through which the glowing wood that has been rubbed to tinder can be emptied onto a smooth stone during the fire-twirling. The Bushman can make fire with this tool in less than half a minute.

The other firemaking device known to the Bushmen is the
[439] //oro, a flint with striking ring and tinder box, imported from the Betschuana.

A tool that in addition to its use in leather working also serves
412 medical purposes is a pointed iron needle about 20 centimeters long and three millimeters thick, carried in a narrow leather sheath by almost every male Bushman. The needle is used with great skill
[752] for the removal of thorns from the skin, an operation which the Bushman naturally must frequently demand of his medicine man.

In addition to the above-mentioned hunting implements, the
482 game snare and game hook, I was shown a wooden staff, approximately one and a half meters long and worked with some skill, which is used for carrying game over the shoulder,

8: Fourie D-5 (ca. 1920) 1928
FX10 Bushmen FX10

animals is either cooked or roasted. Among the tame partly disorganised groups any sort of receptacle such as a paraffin tin serves for cooking purposes. The more primitive groups use clay pots bartered from the neighbouring Bantu. Roasted plant food is eaten whole or in the form of soup or porridge after being pounded up in a wooden mortar or on a stone and mixed with boiled blood. 252 [439]

Food is eaten direct from the pot or from bowls made of wood or the hide of big game. Many groups nowadays make wooden spoons. Generally, however, either the hands or tortoise-shell spoons are used in eating. 264 415

Every part of an animal is eaten or made use of for some purpose or another. Nothing is allowed to go to waste except by those groups which, through possessing dogs, find it comparatively easy to kill game. The camps of the latter are generally littered with bones, etc., whereas among the wild Bushmen even the bones are broken up and eaten. In the case of small antelope when for any reason the skin is not suitable for other purposes it is roasted with the animal and eaten. Small skins are used for karosses, food and tobacco pouches, quivers, loincloths, etc. From the skins of big game on the other hand sandals, blankets and, among certain groups, bows, quivers and bowstrings, are made. The */Nu-//ẽin* and *//Aikwe* are more expert in preparing skins than the *!Ao-//ẽin* and other tribes living to the north. Articles made by the former form an important medium of exchange. The sinew is used for making bowstrings, for reinforcing bows and arrow-shafts, and as thread for sewing skins. From it also is made the string of the nets in which the Kalahari groups carry their belongings. In the Kalahari the foreshaft and tips of arrows are made from the long bones of the ostrich and various kinds of big game. Bones are also made into knives, awls, pipes, etc. The horns are manufactured into spoons, whistles, small quivers for carrying arrow-tips during the rainy season, implements for stripping the fibre required for snares, artificial leeches, etc. The stomach of large animals when not required for food is fashioned into bags for collecting the blood and for carrying water. Ostrich eggshells are used for carrying and storing water and for the manufacture of the eggshell beads which at the present time form the most important article of barter among the */Nu-//ẽin, Kaukau* Bushmen and *Hei-//om*. Among the most northerly groups on the other hand arrow poison and red ochre, obtained from the wood of the *omura* tree, are the principal media of exchange. 237 [184] [438] [482] [415] [301] 438 184 278 438

Religion.

The purpose and scope of the present report do not permit me to deal at length with the multitudinous magico-religious beliefs and practices with which the lives of all these primitive communities are surrounded. 121

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10

136 the great veld fires had burned away the dry grass farther in the north, causing new green grass to spring up, luring the antelope to come there. We saw fires very near us and we wondered if the Bushmen had followed the game to the north.

361 609 One day we came to a tiny, low forest where we decided to camp for the night. As we searched among the little trees for firewood, we came upon three scherms, three little huts, built by Bushmen and abandoned very recently. The ashes of the fires were still warm. The people who lived there had surely heard us and had run away, leaving many of their possessions behind. We found a pot, burned black from use, a few white beads, a quiver with arrows, and a digging-stick, which is a branch a few feet long with the bark peeled off and the twigs trimmed away, sharpened at one end and used by Bushmen as a spade to break the hard ground when they dig roots. We then found footprints made by the people when they had rushed off in all directions; and later, as we followed the tracks, we even found the prints of hands and knees where someone had crawled hastily across an open place.

411 412 415 301

609 The discovery of these huts made us very hopeful, as we had traveled much farther than we had expected. We felt confident that Gishe, who had been born near our very campsite, would be able to track the people and find them, or that they would be plagued by curiosity and finally visit us. They did not, however; nor did they come back for their possessions, nor was Gishe able to find them. He had been living on a farm for many years and was no longer an expert tracker; and after the night dew had fallen during the evening that we found the werf, the tracks were old.

Of course, it was useless for us to wander around the veld hoping to stumble upon fresh tracks, although we tried the following day without success. We also sent Gishe to look for

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
GiKwe

533 534 The young, unmarried man took a small musical instrument out of his hunting-bag, borrowed a dry tsama rind from one of the women, and, setting the instrument on the hollow rind, began to play. He filled the air with sweet, soft music, full of resonance and open, minor chords, even of rhythm and timbre as a music box would be.

The instrument itself was made of a small, flat piece of wood four or five inches square, with eleven metal prongs attached to it, arranged in two rows across two bridges. The melon rind acted as a resonator for the prongs, which were of different sizes and, when plucked, vibrated and rang like bells, in a scale which was not the octave and which I have never heard before. The name of the instrument is *te k'na*, and I believe that it is not native to Bushmen but traded from the Bantu people. Many Bushmen have them, though: Bushmen like music of any kind.

264 Soon the cornmeal was ready and we served it to the visitors on pieces of bark, in bowls formed from halves of tortoise shells, in tsama rinds. Bushmen have very little liquid food that does not come in its own natural container, and therefore they do not provide themselves with bowls. The [445 177] bowls they do have, carved from wood—an art learned from the Bantu people—are constantly in use as containers for small, loose objects, such as seeds or unstrung beads. Since the cornmeal was hot and runny, the people had some difficulty eating it with their fingers, but they got it down, the women hesitating a long time, watching the men, before they [609 538] dared to try it. I think they were afraid it would harm them, as I have heard many Bushman stories of strangers who poison tobacco or food. When they had eaten their servings and 264 609 578 found that they did not die, they had more, a morsel at a time. We might have presented the pot to let the people help themselves, but by now we knew better. Bushmen expect

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
GiKwe
Kung

825 278 mash the insides, then pull off the head and squeeze the insides out like toothpaste from a tube. Both kinds of poison are equally good, they say.

Perhaps the two types of pupae are the pupae of two different kinds of beetles. Perhaps they are from the same beetle but in different stages of development. Perhaps they really are males and females, as Bushmen are often scientifically [821] accurate, but, as Bushmen also have male and female rain clouds, perhaps not.

[439] 824 825 278 Kung Bushmen, who use metal arrows obtained by trading animal skins for wire with the Bantus, have a complicated system of poisoning in which they use several ingredients for the poison paste. One of these is a binding fluid, used because the pure poison squeezed from the grub will not adhere well to metal but must be made binding and sticky. The binding material comes from the bark of a tree. They chew [415] 237 the bark thoroughly and spit the mash into a little mortar made from the knee bone of an antelope, a nice little cup, into which the Bushmen have squeezed the milky juice of sansevieria plants, got by wringing the heavy, thick leaves. This juice has an irritating effect when it is dissolved in a wound and causes the antelope to rub and scratch its wounded spot against a tree, which stimulates circulation in the area, which carries the poison more quickly through the body, which hastens death.

The paste in the mortar is thoroughly mixed, then smeared with a straw on the foreshaft of arrows, never on the head, for if the sharp edges of the head were poisoned any child might accidentally nick himself and die. When the arrow is poisoned it is propped up by a fire and the poison is allowed to dry into a shiny dark paste, to be melted again by the 411 moisture and warmth of an antelope's flank.

825 278 Gai had stored his poison cocoons in a tiny bag inside his

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
GiKwe

222 The women stopped and began to gather up the green melons, Twikwe picking them with a mechanical, stereotyped gesture. She first slipped her hand under a melon; then, twisting her elbow, she lifted the melon and held it pinched between the heel of her hand and her forearm, and with a scoop slipped it into the pocket of her kaross on the side. In a moment the side of her kaross was full, and she stood erect for an instant, looked at the sky, shifted her weight, and suddenly the melons rolled to the back of her kaross, leaving the side free for more. She was very efficient. In a moment she had a load. I was a little surprised at her, however, for now she would have to carry the melons with her all day whereas she might have gathered them on the way home. But Bushman women do not seem to mind this.

The women left behind the yellow melons which would have been bitter and rotten, touching them disappointedly with their toes instead. The false spring was hastening the time when all the melons would be gone, forcing the Bushmen to eat roots as a staple diet, not as desirable because of the uses that tsama melons have. Melons are eaten as both food and water, their pulp is added to meat which needs liquid for boiling, their seeds are roasted and eaten or ground into powder and used as flour, their rinds serve as mixing-bowls, as containers for small, loose objects, as cooking-pots with or without the pulp inside, as urine-containers for curing hides, as targets for the children's shooting practice, as children's drums, as resonators for musical instruments, and all this amounts to a serious loss for Bushmen when the melons rot or dry.

222 824 [252] [415]

222 We went on until we were about two miles from camp. We were going to an almost imperceptible small hill, a place, said Twikwe, where a great deal of veld food grew. On the way a moving shadow caught our attention, and we looked up

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
Kung

the smoke had confused them and they did not sting, although they flew everywhere looking for us. The old man turned his back, hunched his head between his shoulders, and hid from them as one would hide if one were being pelted with stones. When the swarm had dispersed a little he finished the opening. The Bushmen say that when bees are disturbed they are vicious only at first. After a while they become disorganized and confused and they fly about but do not sting you. When you smoke bees you must be careful not to burn them or smoke them too much because they are magic creatures with medicine to control fire, and if you harm them they will cause fire to burn you. A young boy whom we knew once burned some bees, and that night, when he was asleep by the fire, the fire sought him out and burned the skin of his belly, touching him only and no one else.

Lazy Kwi and the old man did the work perfectly. They were not stung badly, the tree was open, and no bees were seriously harmed. Inside the tree we could see the brown combs hanging and the bees as thick as fur around them. Lazy Kwi took out the combs and put them in a wooden bowl, licking his fingers afterward, and before we went back we ate some of the honey. There were two kinds, old honey and new honey, and the new honey was pale yellow and very sweet and mild, winter honey made from the small, dry flowers of the veld. The old honey was much sweeter and strong enough to burn your mouth. Before we left, the old man and Lazy Kwi carefully wiped their hands and arms with grass, for they were covered with honey and things were beginning to stick to them. Then we went back to camp and in the afternoon we packed to go on toward Gautscha Pan.

Lazy Kwi packed a skin bag full of tsi nuts and the seeds of baobab fruit, alum-like powdery stones that ripen at the start of the dry season. The old man had a huge net bag filled

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
Kung

with his possessions—bowls, fire sticks with which the Bushmen kindle fires, skins, and little bags of food.

Just before we left, the Chuana woman came to say good-by and I gave her some tea and a bottle of perfume that was given to me when I left America. My mother gave her a silk scarf and some bars of scented soap, and the woman, overwhelmed, sat down on the ground with these things in her lap and with the aid of the interpreter she started to thank us, but then she said: "Too much thanks is like a curse. I sit here with my delights."

After that we climbed on the trucks and drove away, looking back to see the sky of evening and the dry hills around Gam, and the Chuana woman still sitting on the ground waving to us. In back of her, a group of serf Bushman women were thoughtfully carrying away the firewood we had left behind.

Many miles from Gam we camped for the night and all the sky in the west was hazy red with the flat-topped thorn trees blue below it, and suddenly through the haze a herd of giraffes ran from a thicket near us into the open plain. There were nine giraffes and eight were females, all strung out in a line with their strong legs slowly opening, then bunching as they ran and their heads on their long necks stretching out and back, out and back. Behind the females ran the bull, an enormous creature half again as tall as they were, half again as broad, mighty and ponderous as he reached his long legs forward to overtake his wives.

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
Kung

namesake of Dikai, I had acquired her set of relationships and was expected to follow the rules that applied to her. I could act in a familiar way with those people whom she treated familiarly and was expected to avoid those whom she avoided. I called Dikai "Big Name," the term usually applied in such a relationship, she called me "Little Name," her nephews called me "Aunt," her mother called me "Daughter," and often her husband, Gao Feet, with roars of laughter, would say he would marry me someday.

We sat down in the werf in the delicate shade of the arching branches and Dikai's mother produced a bag full of tsi nuts, which the people began to roast and eat. The bag was made of the entire skin of a duiker—a little nocturnal antelope no bigger than a small dog—turned inside out with the legs tied together as handles, the neck tied off as the bottom of the bag and the rump open as the top. When it was full of tsi it was solid and formed and looked eerily like a little, headless duiker.

When the day was over and the sky was getting dark I made a camp for myself a few feet from the werf. The Bushman children helped me pull the grass. We built a fire in our clearing and I cooked some beans and tsi nuts that Dikai's mother had given me for myself and the children, and as Bushmen from the werf began to come over I cooked more and more. There wasn't much—the Bushmen had only half a day's supply and we hadn't expected to be away from camp so long. Everyone had a little, though, and afterward we filled ourselves up with water and we smoked. It was very cold. Before the night was over, the water we had in our water pail had turned to ice. On nights such as this the Bushmen prefer to sit up and talk, to keep their minds off the fact that the air is cold and they are naked and hungry, rather than to try to sleep; they wait to sleep the following day, warm in the sun.

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
Kung

ket and revealed a tiny, skinny stick that was his leg wrapped in some kind of rag, bound by a thong that tied the calf to the healthy thigh above, with the black foot showing below, and then he slowly and carefully unwound the thong and then the rag and opened it.

For once the people of Nama had not exaggerated a misfortune. The leg was even worse than they had described, all dead and black at the ankle, and above that, rotted away down to the bone, which was gray now, but while the foot was rotting and dry, the leg was rotting and wet and oozing a little black slime or juice. It was gangrene. A faint stench rose. Those of us who had not seen it had to look away, and Short Kwi, perceiving this, looked calmly down at the ground, at his ruined black leg, and he wrapped the rag around it again, tied his calf to his thigh with the thong, and covered it all with the blanket.

Short Kwi's wife had watched the whole thing with calmness and composure, her hands in her lap, and when the leg was covered she opened one of her hands, revealing a palmful of little white beads, which she began to drop, one by one, into a tiny bag she wore around her neck. With her head bent to see the mouth of the bag she looked very girlish and young; someone said something unusual, an unfamiliar word, and Short Kwi glanced at his wife to see if she had heard it but saw instead what she was doing, and he looked at her with such a deep look of adoration and affection that I wondered how it was she didn't feel it and look up. The word was the word for European doctor, *docteri*, which is not part of the usual vocabulary. Short Kwi's wife had not understood it and when she had finished dropping the beads into the bag she whispered to ask her husband what it meant. He answered her softly, in a masculine, affectionate way, and the other people chimed in, so for a moment everyone was speaking except

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
Kung

481 hurrying because one of the little boys had found a millipede
825 and was trotting behind them carrying it. Bushman women do not like millipedes; millipedes make them very nervous. Someone persuaded the child to drop it, which he did reluctantly. It was a giant, shiny black and a foot long, and it ran away with the front of its body in the air, its head bent like a curbed horse. The little boy watched it go.

515 The women walked through the acacia trees and reached the pan, the shining lake, red now with sunset, and even though the air was getting cool the children ran in the shallow water, splashing, the women crouched on the rocks to bathe. They took off their karosses and bathed their arms and legs and faces, washing all the dust away, then brushed their teeth with their fingers. Beautiful Ungka called for Little Dabe and hung her ornaments on him while she bathed. He ran through the water playing, splashing with the other children, quite unconscious of his gorgeous array. Beautiful Ungka was so supple that as she sat bathing she could lay her body down on the rocks between her raised knees, which she did to reach the water, saving herself the trouble of moving forward.

292 After they had bathed, the young girls made aloe circlets for their heads, red in the red light of the sky, and they seemed very innocent and beautiful, fresh and clean; they dressed themselves slowly as the sun went down, then walked into the water, where they danced, slowly, idly, kicking to make a rhythmic splash.

854 Little Dabe, on the shore now, found the rocks hard on his feet and began to wail, and all alone on top of the rocks, picking his feet up one after the other, he was like a peacock in his ornaments, with his complaining, raucous cry. Beauti-
854 ful Ungka carried him then, although she too was barefoot,
415 bouncing him up and down while the other women rinsed and filled their ostrich eggshells.

11:Marshall E-5 (1950-1955) 1958
FX10 Bushmen FX10
Kung

Hunting is mankind's oldest—and least rewarding—way of life. Among its last practitioners are the Kalahari Bushmen

PART I

A PEOPLE, small of stature, few in numbers, calling themselves "!Kung," but who are called "Bushmen" by others, live today in a tremendous depression, half-a-continent wide and sunken in the southern African plateau—by name, the Kalahari Desert Basin. They live on the huge floor of this Basin, near one of its imperceptible sides. It is an open land—large to the point of vagueness, under a limitless sky. There is a word used frequently by the other inhabitants of this Basin—mostly black-skinned peoples—to define the different cultural groups now living there. The word is "nation." One speaks of the Herero nation, the Chuana nations, the Okavango nations. To follow this usage, one would speak of the !Kung nation of *Nyae Nyae*—one among several Bushmen nations. [The prefix, (!), indicates one of the so-

WORLDLY GOODS of a !Kung family are arrayed, above, preparatory to moving camp. The number of belongings cannot exceed family's carrying capacity.

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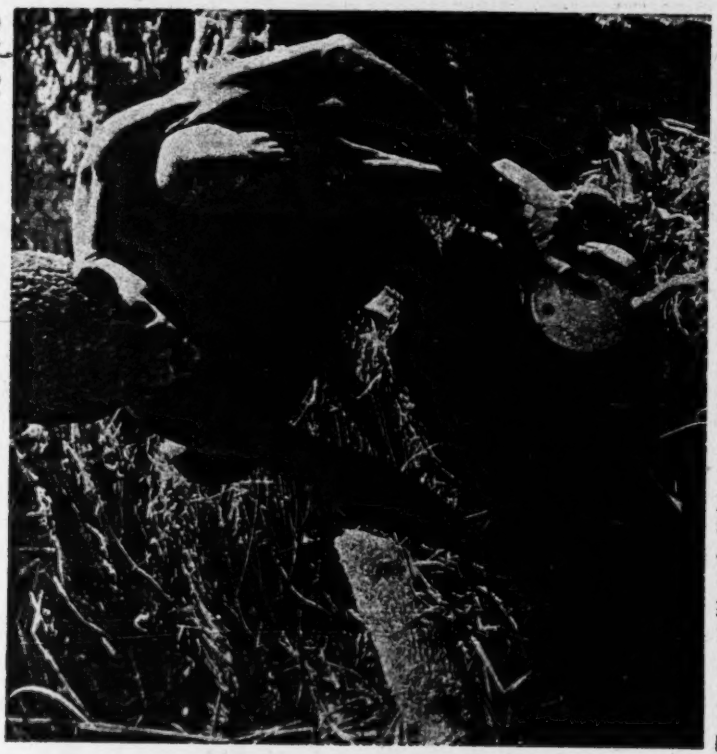

WATER IS KEY to life in the Kalahari: only ten permanent waterholes. Above, in all the !Kung territory, there are a man fills his ostrich-egg "bottle."

[p. 21]

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For the rest of the year, above, they fill their eggshells from permanent waterholes, dig for water roots.

11: Marshall E-5 (1950-1955) 1958 FX10 Bushmen FX10
Kung

HUNTSMEN OF NYAE NYAE

The !Kung still practice man's oldest craft

By JOHN MARSHALL

224 481 151

HUNTING is the work of men. !Kung hunters range the land, seeking the agile game. The men walk rapidly, never lowering their eyes, making sure of the awkward ground with their dextrous feet. They glance swiftly over the distances of the country and, with their good vision and knowledge of what to look for, see any moving thing. As girls learn gathering, boys learn most of hunting on their own. They hunt little birds in the grass around the *werft* houses. They impale beetles with tiny arrows shot from toy bows. Tracking, which is the most difficult part

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[411 482 415]

CHIEF WEAPONS OF !Kung are bow and poisoned arrows (in quiver, above).

[P. 45]

II: Marshall E-5 (1950-1955) 1958 FX10 Bushmen FX10
Kung

HUNTER'S BOOTY, in addition to meat for the pot, includes much-needed raw materials for !Kung economy. Skins of smaller animals are cut into the breechclouts worn by the men, and, *above*, are sometimes ingeniously peeled off, almost in one piece, and turned into bags, with the legs serving as straps.

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[P. 57]

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BAGS FOR FOOD, *above*, like eggshells for water, give !Kung some freedom in moving. Food may be brought to water or water carried far into the desert.

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poison-bearer, its cycle is somewhat as follows: the beetle lays its eggs in the Murula tree leaves. Hatching in the rains, the grubs migrate down the trunk, progressing through a number of growth stages. Finally, they make their cocoons under the ground near the tree. In these cocoons, they struggle through metamorphosis and emerge as small, bravely-colored beetles in the New Year's rains, providing the Bushmen have not already dug them up. The hunters know the particular trees frequented by the beetles and make expeditions to them at least twice a year to replenish their supply. Then the grubs are dug up, and used on the spot or kept in their cocoons, depending on the man's needs.

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The poisoning of !Kung arrows is a long process, with a number of variations. The most common poison is a mixture of the grub and the previously mentioned tree-pod. The grubs are crushed and the pod is warmed until its contents melt slightly and can be crushed with the grubs. This mixture is thinned with the copious spit which results from chewing any of a variety of barks and is then smeared on the foreshaft of the arrow—but cleaned immaculately off

[p. 53]

11:Marshall E-5 (1950-1955) 1958
FX10 Bushmen FX10
Kung

221 back as many nuts as they can carry.

THE "big rains" open the land. People travel to distant places and remove to the *mangetti* forests until autumn, when the *tsi* ripens. Then they remain in the *tsi* areas till the *tsi* nuts are exhausted—which sometimes happens before the small annual waters have evaporated—and finally make their way back to their permanent waterholes.

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415 In such a transient life, the importance of light belongings—and

[p. 67]

11:Marshall E-5 (1950-1955) 1958
FX10 Bushmen FX10
Kung

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415 of ostrich eggshells for carrying water and skin bags for food—is evident. With carrying bags and ostrich eggshells, the people can bring water to food and food to water. Partly because of their life of motion, the !Kung do not accumulate heavy wealth.

847 Infanticide is uncommon among the !Kung, but one of the various reasons for the practice is that a woman may feel she cannot carry another child when the band moves. Then, the baby is born into a tiny grave near the *werft*, and the grave is closed.

[P. 68]

12: Marshall E-5 (1951-1959) 1961 FX10 Bushmen FX10
Kung

of the hunting party is not a matter of convention or of anxious concern. Hunting parties are freely organized by men who like to hunt with each other. No categories of kin or affines are prohibited from hunting together, whether they have a joking relationship or not or practise the sitting and speaking taboo. Men from different bands may hunt together.

A father has authority over his sons and sons-in-law and could tell them to go hunting or to accompany him and would expect them to obey. In other relationships participation in a hunting party is voluntary. Any man may instigate a hunt and may ask others to join. No one is formally in command of a party, unless he is the father with his sons or sons-in-law, but often an informal kind of leadership develops out of skill and judgement and the men fall in with the plans and suggestions of the best hunter or reach agreement among themselves somehow.

Hunting parties are usually composed of from two to four or five men. One hunter alone is at a disadvantage. A man cannot leave the meat unguarded from lions, hyaenas, jackals, and vultures while he goes to bring help from the band to carry it nor can he carry it alone. Only occasionally are parties larger than four or five. For two parties to hunt in different directions would be more advantageous than to form a larger single party.

When the kill is made the hunters have the prerogative of eating the liver on the spot and may eat more of the meat until their hunger is satisfied. If they are far from the band, they may eat the parts that are especially perishable or most awkward to carry, like the head, and they sometimes eat the cherished marrow. They then carry the animal to the band, either in its parts, bones and all, or, if the animal is very big, leaving most of the bones and cutting the meat into strips which dry in the sun to biltong and are more easily carried on the carrying-sticks. The blood is carried in bags made of the stomach, rumen, and bladder.

The gall bladder and testicles are discarded at the kill. Eventually the hooves are thrown away and usually the picked bones and horns. (The /Kung make only a few artifacts of bone and horn which last a long time and seldom need replacing.) Sinews are kept for making cord. The hide would be skinned off whole and tanned if it were suitable for a kaross and someone wanted a new kaross at the time. Otherwise, the hide is dried, pounded up, and eaten. Hides are quite tasty. Feet are picked of every tissue; gristle is dried and pounded. Soft parts, such as the foetus, udder, heart, lungs, brains, and blood, are often given to old people with poor teeth. Intestines are enjoyed and desired by all. The meat of the rump, back, chest, and neck is highly appreciated. Nothing is wasted; all is distributed.

The owner of the animal is the owner of the first arrow to be effectively shot into the animal so that it penetrates enough for its poison to work. That person is responsible for the distribution. The headman of the band is not the one to distribute the meat by virtue of his headmanship, unless he happens to be at the same time the owner of the arrow. The owner may or may not be one of the hunters.

Hunters have arrows which they acquire in three different ways. Each man makes arrows for himself, shaping the points (usually now of metal, but still possibly of bone or wood) with some slight distinction so that he will know them from the arrows of other men. Secondly, arrows are given as gifts. The man who made the arrow or who himself acquired it as a gift, may give it to someone else, either a man or a woman, consanguineous kin, affine, or friend.

FIG. 21. Gao Beard hammers out a spear blade. His young second wife sits composedly beside him at the family fire. She did not build a scherm for Gao when they settled this time. The upright sticks around their grass bed serve to symbolize home. The object which looks like a club behind Gao is an adze handle. His fire scraper lies in front of him

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[415]
[439]

FIG. 22. A man cooking meat in a Bantu clay pot (obtained by trade)

FIG. 23. Smoking a soapstone pipe

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FIG. 24. Old Demi, grey-haired, is in his seventies. We figured his age roughly from his telling us that when he was a young adult he was, by chance, an unwilling witness lying under a log to a skirmish of the German–Herero war

[P. 240-G]

15: Marshall E-5 (1951-1961) 1965
FX10 Bushmen FX10
!Kung

The poisoned arrows of the Bushmen are as deadly to man as to game and they are always at hand. A mere nick and a speck of poison in the bloodstream can be fatal. There are no known antidotes.

As skilled trackers of game, Bushmen develop their powers of visual observation and train their visual memories to such a high degree that they know everyone's footprint as well as his face. This is another deterrent, for no one could steal veldkos without leaving his marks and having his identity detected. Theoretically, in !Kung society the thief may rightfully be killed by the person or the band from whom he has stolen, but he may fight back, and relatives could also become involved and the fighting would spread. In the opinion of the !Kung, situations likely to engender hostility are assiduously to be avoided, to say nothing of actual fighting. Breaches of this intention are very rare.

Life throughout the seasons is planned around the veldkos gathering. The people know at what seasons the various veldkos will ripen and about how much each patch will yield if the rains have been good or if they have been poor. The !Kung are not, according to our way of thinking, exactly conservation-minded, but they do plan to consume their veldkos in advantageous order. They eat the perishable short-seasoned leaves and the few fruits as soon as they ripen. They leave until the dry season is advanced certain beds of roots and tubers that are edible the year around if they remain in the ground.

The headman of the band has the authority and the duty, according to !Kung social regulations, to plan the band's movements, to say to which veldkos area they will go and when, and, if the band separates temporarily into segments, to know where each segment is going and, in general, what veldkos it will consume. It is a matter of life and death to plan and control as best they can and not to travel for days, counting on food and finding that one segment of the band has eaten it all, unbeknown to the others.

Each type of veldkos and each area presents its problems of logistics, water being the determining factor in the plans, for usually water and veldkos are not in the same place. During the big rains and for several weeks after, the pans and vleys become shallow ponds and small, temporary water holes are filled. It is the time of relative plenty. The people find sufficient water to enable them to move about with comparative freedom in their country, wherever there is something to gather. When the dry season sets in, the problem is to carry enough water from the water hole to the veldkos area in ostrich egg shell containers and to carry enough veldkos back to the water hole. It is a ceaseless labor.

The distances the !Kung travel between water and fertile areas in these gathering trips vary from a few miles to twenty or thirty. The people do not manage greater distances except in the rainy season, when they go as far as seventy-five miles to a mangetti forest.

When the people go to gather mangettis or *tsi*, the men always ac-

15: Marshall E-5 (1951-1961) 1965
FX10 Bushmen FX10
!Kung

for stretching carrying nets, and for pounding things. Informants said they had never seen or heard of stone arrow points or blades. They still use bone and wood points occasionally but have for the most part changed over to metal for knives, axes, assegai blades, and drills, as well as for arrow points.

From wood the men make bows and quivers as well as sticks for making fire, digging, carrying, and stirring; handles for knives, axes, and assegais; bowls, spoons, mortars, and pestles; and musical instruments—the five-stringed *//guashi* and a one-stringed violin. Reed and bone are available in plenty for arrow shafts. There are abundant fiber and sinew for the excellent cordage that men and women make. Little tortoise shells are dippers and cosmetic boxes. Hides, although not abundant, are sufficient—in the Nyae Nyae region at least—for everyone to have a kaross, for the men to have breechclouts, and for the women to have modesty aprons and skins to wear around the buttocks. All have sewn skin bags. These objects of hide are made by men because they are products of the hunt. Frequently there are surplus hides for trade.

Ostrich egg shells are used for water containers, and women make ostrich egg shell beads. This is the one important craft of the women and the one for which Bushmen are noted among the surrounding peoples. Good ostrich egg shell bead ornaments are the most prized possessions of the !Kung. The women also make ornaments of European beads and of grass and thongs and *tsi* nuts. They very much enjoy ornamenting themselves.

The !Kung decorate their artifacts occasionally with rather meager scratched designs but have not developed graphic, pictorial, or sculptural arts to any appreciable extent.

The !Kung trade with their Tswana and Herero neighbors, offering well-tanned hides, ostrich egg shell beads, and a red powder they make from the dead heartwood of a certain tree. Usually what they want most of all in exchange is tobacco—for they are passionately addicted smokers—and malleable metal from which they shape their arrow points and assegai blades. They also want knives, axes, European beads, and either the round-bottomed Ovambo pots or European iron pots. Once in a while they get an old chisel or file, a basin or cup, or a few miserable scraps of cloth garments. The little Bushmen find the bigger, more aggressive Bantu hard bargainers and are rather at their mercy.

The significant thing about !Kung artifacts from a social point of view is that they are not accumulated as wealth and their possession does not symbolize high status or bestow prestige. It is not advantageous to multiply and accumulate in this society. Any man can make what he needs when he wants to. Most of the materials he uses are abundant and free for anyone to take. Furthermore, in their nomadic lives, without beasts of burden, the fact that the people themselves must carry everything puts a sharp limit

177 411 415 291 As far as is known, all Bushmen hunting today have had metal weapons, and utensils and clothing of European manufacture for at least 40 years.

162 433 Among the 34,800 Bushmen classified as non-hunting, there are, of course, many degrees of economic development. At one extreme, there are the second generation farm Bushmen of the Grootfrontien, Gobabis and Ghanzi Districts who have permanently given up the traditional subsistence round. Other farm Bushmen spend the rainy season living in the veld and work on the farms only in the winter dry season.

Many of the Bushmen in Ngamiland and the Crown Lands have made an excellent adjustment to modern conditions. For instance the Mababe and Pandamatenga people enjoy a settled village life combined with hunting for cash furs with rifles and steel traps. Many of the men work for hunting safaris where they have gained a good reputation as trackers and gun bearers.

433 The distribution of the various economic patterns is plotted on Map 4. There are four categories:

1. Full time hunting and gathering
2. Bantu-associated peoples with traditional lord-client relations
3. Independent villages with cash hunting and wage labor
4. European farm workers

174
439 The interior !Kung have had trading relations with Bantu
[411] peoples on their periphery for over eighty years. The evidence
[415] for this is the presence of iron-tipped weapons, pottery and
[276] tobacco. The present-day !Kung have no knowledge of iron-working or pottery-making and they do not raise tobacco. The old people state that their grandfathers had these things
[173] before the first non-Bushmen came to the interior. Men in
[411] their 60's and 70's today can remember their grandfathers telling them that they began hunting with bone arrows and did not obtain iron for arrows until they were well into adult
[411] life. The making of bone arrow heads is still common know-
[321] ledge today but, as there is an abundant supply of iron fencing
[325] wire, none of the men hunt with bone. The art of chipping
[178] flint is not known in the Dobe area. It is probable that
[324] these Bantu goods (and also some European goods such as beads and buttons) reached the interior through Bushman trading intermediaries some years before the arrival of the first Bantu and Europeans.

173 Early contacts, 1879-1925 - There is disagreement among the !Kung about whether the Europeans or the Bantu were the first to penetrate the interior. Apparently the first pene-
175 trations occurred during the period 1875-1890. Hendrik Van
648 Zyl, a professional hunter, is the first European known to have reached the interior (Silberbauer 1965:114-115). In the

[TEXT CONTINUED ON PAGE 56/671]

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double-banded sandgrouse	cape turtle dove
Meyer's parrot	*grey loerie
lilac-breasted roller	*grey hornbill
yellow-billed hornbill	cardinal woodpecker
*fork-tailed drongo	penduline tit
*pied babbler	yellow-bellied bush warbler
Marico flycatcher	Crimson-breasted shrike
*long-tailed shrike	white-browed sparrow weaver

The common summer migrants recorded were:

hammerkop	white-bellied stork
red-billed teal	white-faced duck
European swallow	

[262] Bird meat and eggs are not an important item of diet among the Dobe Bushmen. Only eight species were observed to be eaten:

red-billed francolin	Swainson's francolin
crowned guinea fowl	kori bustard
red-crested korhaan	double-banded sandgrouse
cape turtle dove	red-billed teal

Curiously, ostrich are not hunted for meat. They are tracked, [415] however, in order to find the nests. The eggshells are used as canteens for water.

Reptiles and Amphibians: Nine different species of snakes were seen. Only four could be identified taxonomically.

825
222
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[416]
[301]

gathered and eaten. With one exception all other birds eggs were ignored. The exception was the ostrich eggs which were highly prized as water containers and as material for making ostrich egg shell beads.

Reptiles and Amphibians

Only four species of reptile - two tortoises, one leguaan, and the rock python - were regarded by the Bushmen as edible. One species of frog, Pixiecephalus sp. was regarded as edible. Of these five species, the large leopard tortoise (Geochelone pardalis) is the most important food. These tortoises weigh 5-8 pounds. [illegible]s. They are sluggish and easily collected. For this reason, the tortoises were the only species of vertebrate that were collected by the women. All other vertebrates were the exclusive concern of the men.

The rock python, a large non-poisonous snake, was regularly collected by the men. This provided c. 25 lbs. of meat per specimen. The pythons collected varied in length from 8-15 feet. The other three species were rarely observed to be eaten.

Invertebrates

Insects have traditionally been considered by ethnographers to be a major Bushman food (Bodenheimer 1951:137-195). However, among the Bushmen of the Dobe area insects played a minor role in the diet. One species of antlion and three

412 The women possess several other tools which are of subsidiary importance in the food quest:

- wooden mortar and pestle
- wooden spatula for moving ashes
- carved wooden serving spoon
- tortoise shell bowl
- bundle of tail feathers for fanning the cooking fire
- pottery containers of Bantu manufacture
- 415 - iron pots and enamel bowls of European manufacture.

177 224 411 The mens' hunting kit represents the most evolved sector of Bushmen technology. It includes at least 19 different tools made from seven kinds of raw materials. The primary weapons include:

[177] [278] [231]

1. bow
2. arrow poison
3. spear
4. springhare probe
5. knobkerrie(club)
6. iron tipped arrows
7. quiver
8. hunting dogs
9. rope snares

Secondary weapons include:

[312] [177] [412] [283] [177]

10. fire drill
11. flint and steel fire making kits
12. digging stick
13. iron knife
14. iron adze-axe
15. carrying yoke
16. knotted net

Manufacturing and repairing tools include:

[278] [415] 17. poison-making kit; humeral cup, pestle, applicator

18. whet stones of basalt

[283] 19. wild cotton for polishing rope snares

These raw materials are also part of the man's kit:

[283] 1. sinew

2. twine of natural fibers

3. iron fencing wire

[278] 4. supply of poisonous grubs

[237] 5. bone chips for making arrow link shafts

[411] 6. grass stems for arrows

7. wood for bows, poles and spear shafts

224 411 The construction of the hunting arrow will illustrate the complexity of the weaponry. The arrow consists of a mainshaft about 13 inches in length made from the stem of the grass Phragmites communis (Story 1964:94). Into this is inserted a bone linkshaft about two inches long, carved from the humerus or femur of giraffe, kudu, or gemsbok. The linkshaft is joined to the metal arrowhead by a hollow section of grass stem one inch in length. The arrow head is commonly made from iron fencing wire. It consists of a stiff length of wire four to five inches long. The tip of the arrow is beaten into a small triangular blade one half inch from base to apex and five-sixteenths of an inch at the base.

[177]

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411 The butt end of the arrow and the two joints are bound by strands of sinew. In some arrows the iron shaft itself is
224 bound with sinew. It is the iron shaft to which the arrow
411 poison is applied. Care is taken to avoid spreading poison
278 on the tip of the arrow. The poison is obtained from the pupal forms of the Chrysomelid beetles Diamphidia sp. and
[415] Polyclada sp. The poison is prepared by squeezing the contents of several pupae into a cup made from the proximal end of the humerus of a large antelope such as gemsbok or kudu. The only additions to the poison mixture observed to be used were saliva and the juice or gum of the several species of Acacia. The use of the latter was optional. Often, without further preliminaries, the Bushmen squeezed the contents of the grub directly on to the iron arrow shaft.

[412] The pupae are mixed with a slender wooden pestle into a thin orange paste, which is then applied directly to the iron arrow shaft using a spatulate applicator especially made for this purpose. The poisoned arrow is then allowed to dry near the fire. After a few minutes it is ready for use.

There are undoubtedly regional variations in the preparation of arrow poison. The ethnographic literature lists at least a dozen substances and recipes that are claimed to be used by the !Kung Bushmen in preparing arrow poison (see Shaw et al. 1963, Story 1964:93).

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
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Dress and Decoration

Bushmen

281 291 Save where there has been a good deal of contact with European influences, all the Bushmen wear garments made entirely from the skins of animals, usually some kind of buck taken in the chase.[1] Complete nudity is hardly ever found, though it is reported on hearsay evidence by Miss Bleek of some of the wilder bands of Auen and Naron. [162] All the clothes are made by the men, who prepare not only their own garments but also those of their wives and children.

The principal garment of the men among all the Bushmen consists in a triangular piece of skin, two ends of which are tied together round the loins, while the third is passed between the legs and knotted on behind. [177] Some of the North-Eastern Bushmen (Tannekwe, Hukwe, Galikwe), who have been much in contact with the Bantu, have adopted the form of loin-cloth worn by the latter, in which a piece of skin passed between the legs is drawn before and behind through a leather girdle tied round the loins. A skin cloak (" kaross ") is also worn by most of the men, especially in cold weather or when on the [284] march. This is tied over the right shoulder by means of strips of skin attached to two ends, and hangs so as to cover the back and, if large enough, also the chest, while leaving the arms and left shoulder free. It is sometimes worn slung over both shoulders and tied under the chin. The head is usually uncovered, but skin caps are sometimes seen, as well as leather sandals tied round the ankle with thongs.

281 415 482 411 On the march the men carry a round bag slung on over the right shoulder and hanging on the left hip. In it are carried all sorts of small possessions and food. A longer skin bag, containing the weapons, fire-sticks, etc., is also hung over the left shoulder. Bark quivers for the arrows are sometimes found as well, more especially among the Southern and Namib Bushmen.

281 291 The women wear a hanging apron in front, consisting in a piece of skin attached to a leather belt passing round the loins. It is often ornamented with bead or leather tassels. A smaller apron, covering only the genitals, is sometimes worn beneath this. The older women

[1] The fullest descriptions of Bushman dress and decoration are given by: Fritsch, *Die Eingeborenen Süd-Afrika's*, pp. 428–30; Passarge, *Die Buschmänner der Kalahari*, 33–40; Kaufmann, " Die Auin," 140–3; Werner, " Beobachtungen über die Heikum- und Kungbuschleute," 255–7; Seiner, " Bereisung des Gebietes zwischen Okawango und Sambesi," 297–8: Dornan, *Pygmies and Bushmen of the Kalahari*, 87–90; D. F. Bleek, *The Naron*, 8–10; E. Gretschel, " Die Buschmannsammlung Hannemann," *Jb. städt. Mus. Vkde. Leipzig*, v (1911–12), 101–10.

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot FX13
Bushman FX 10

well as grass chains and bracelets, berries and shells. Glass beads and iron or wire bracelets obtained by barter from the neighbouring Bantu peoples or from European traders are also in great demand. The men usually content themselves with leather and bark bands, worn round the arm above the biceps and on the leg below the knee.

There is no special style of hair-dressing. The hair is as a rule kept in its natural form, although occasionally the whole or part of the scalp is shaved clean. Some women, however, uncurl little clusters of hair and roll them out with fat, so that they hang down a couple of inches, making a fringe round the head, while girls often tie small ornaments such as beads or shells into their hair.

Washing is altogether unknown, save among those Bushmen who have been much with Europeans. Generally both young and old rub their face and body with fat, and powder themselves with *buchu*, a sweet-smelling powder ground by the women from various kinds of aromatic shrub. Many women carry small tortoise-shells filled with powdered *buchu*, and use a bit of soft bird's nest or else a piece of jackal's tail as a puff (Plate XI). The face and body are also often painted, especially before a dance, not only by the younger women and girls, but occasionally even by the young men. The colours found are chiefly red and black, the former obtained from clay, the latter from charcoal. Both are mixed with fat, and the mixture is smeared on with a finger.

Hottentots

With the advent of European civilization, much of the original Hottentot culture has disappeared. Their clothing especially has been almost everywhere completely replaced by garments of European pattern, and it is rarely, if at all, that the old native dress can still be seen. But from the descriptions of the earlier writers it is possible to obtain a fairly clear picture of what the Hottentots wore before European clothing became so widely adopted as now to be their universal dress.[1]

The clothing of both men and women consisted principally in front and rear aprons of skin, depending from a leather thong tied

[1] The fullest descriptions of the old Hottentot dress are given by: P. Kolb, *Reise zum Vorgebirge der Guten Hoffnung*, 1719 (new ed. by P. Germann, 1922), 84–96; Fritsch, op. cit., 309–13, 357–8, 373; von Francois, *Nama und Damara*, 205–7; Hahn, "Die Nama-Hottentotten," 307; Schinz, *Deutsch-Südwest-Afrika*, 83–6; Schultze, *Aus Namaland und Kalahari*, 233–52 *passim*, 207–11 (decoration); Sparrman, *Voyage to the Cape of Good Hope*, i, 183–94 (dress and decoration).

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
Bushmen FX10

Cooking

252 is done chiefly by the women, assisted by the children; in exceptional
[462] cases the men also may cook. Wild cucumbers, nuts, bulbs, and similar plant foods are baked in hot ashes covered with cinders. A bright fire is made and allowed to die down, a hole is scraped in the ashes with a flat, paddle-shaped wooden scoop, the food put in and covered over. It is then eaten whole or in the form of soup or porridge, after being pounded up in wooden mortars or on a stone and mixed with boiled blood. Birds, snakes, small antelopes, etc., are baked in the same manner; ants are similarly treated, and then sifted through a mat of loosely-woven reeds, while locusts are either baked or boiled. *Grewia* berries are sometimes eaten as picked, stone and all, sometimes stamped in the mortar and swallowed uncooked. Some specially dainty kinds of meat are roasted over the fire on a wooden spit stuck into the ground. Other kinds of meat, again, as well as stamped
[439] locusts, *tsama* seeds and foods obtained from the white man, such as mealie meal, are cooked with water.

● 415 The "tame" Bushmen now use any sort of receptacle, such as a
[439] paraffin or paint tin, for cooking purposes; the Auen and Naron in their more primitive condition used wooden pots, made by themselves or obtained by barter; while among the more Northern tribes clay pots obtained by barter from the OvaMbo and other Bantu tribes are sometimes found. The actual manufacture of clay pots by the
[184] Bushmen themselves seems to have been restricted to the tribes
[323] south of the Molopo. Food is eaten direct from the pot or from plates
[264] and bowls made of wood. Wooden spoons are sometimes found among the Northern tribes, but generally either the hands or tortoise-shell spoons are used in eating.

Fire is everywhere made by drilling a thin hard stick in another,
372 somewhat softer, in which there is a notch (Plate IX). This second stick is held firmly on the ground by one foot, while the drill-stick with its lower end pressed into the notch, is twirled rapidly between the hands until sparks come. A little dry grass is in readiness to catch the spark, and when it has caught alight dry wood is gradually added until a good fire has been set going.

In this connection reference must be made to certain special
372 observances relating to fire which have recently been recorded by
622 Fourie about the Heikum. "All fire," he says,[1] "is the property of the chief. The first fire kindled by him is regarded as essential to the welfare of the community. Every man and woman knows how to

[1] Op. cit., 87.

2: Schapera E-4, 5 (no date)1930
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222 622 [184] A somewhat different ceremony, also connected with the collection of veldkos, is held by the Kung.[1] Once a year, when the edible bulbs of the veld are beginning to ripen at the beginning of the rainy season, the head of the band on a morning fixed by him calls together all the inhabitants of the camp before sunrise. He then takes up some faggots mixed with dry grass and straw, and all squat down in a circle around him. On the ground near the firewood lies a piece of wood, in which is bored a hole. In this hole is placed a freshly-broken twig of the wild fig-tree. A lit pipe is handed to the headman. He takes it in both hands, held palm to palm, and twists it about over the wood until its burning content falls on to the grass, which becomes kindled into flames. During this performance he repeats the following prayer to [782] [539] Huwe, a supernatural being: "Father, I come to you, I pray to you, please give me food and all things, that I may live." When the fire has burned out the members of the band scatter to seek the new bulbs, which up till now they might not touch.

222 184 These two ceremonies are the only ones on record indicating the presence of a special cult among the Bushmen in connection with the gathering of veldkos; but, as will be shown later, in all the Bushman tribes there are numerous other ritual observances and beliefs which may be regarded as centring in the sources of food supply, although they are somewhat different in nature from the two just described.

312 [462] [857] [415] [237] Water must also be fetched every day from the waterhole. This is generally the task of the children, but if the distance is far the women go, and occasionally even the men. The water is stored in ostrich egg-shells in one end of which is bored a hole which can be plugged with grass. These are carried about in a net of woven fibre or in skin bags. The stomach of a buck is also sometimes used as a water-bottle.

312 182 [221] [621] The supply of water is one of the most acute problems facing the Bushmen in the Kalahari and Namib Deserts. It affects their mode of life to a very considerable extent, for it not only regulates the migrations of the people, but also their cohesion, since, as we have seen, in many cases the different families constituting a band live together only in the rainy season, to scatter apart as soon as the dry season returns. Moreover, upon the supply of water depends the growth both of the veldkos and also of the grass upon which the game lives, so that the whole subsistence of the Bushmen is intimately bound [823] up with it. This intimate dependence, as we shall subsequently see,

[1] Vedder, "Grammatik der !Kû-Buschmannsprache," 6–7.

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
Bushmen FX10

decorated with burned lines) on which meat is roasted, and scoops for hoeing out the earth loosened with the digging-stick. The North-western tribes also manufacture wooden cooking pots (sometimes decorated with burned patterns of simple design), calabashes for holding fat and other liquids, eating vessels and spoons, as well as pestles and mortars, the latter often provided with a stone bottom, which are used for pounding up dried berries, etc. Wood fibre is twisted into cord, from which they prepare their snares and sometimes their bow-strings and make nets for carrying their belongings.

Reeds provide them with arrow-shafts and with the tubes for sucking up water, as well as with the material from which they make their fish-traps and weave closely-stranded mats for sifting ants' eggs. Reed mats are also occasionally used in the building of their huts.

Ostrich egg-shells are converted into bottles for holding water, and are also broken up into very small pieces from which the women make their beads. Tortoise-shells are used as spoons and scoops, and are also made into powder boxes for containing *buchu*. Small drills are made of stone for the manufacture of ostrich egg-shell beads, larger ones for the manufacture of serpentine pipes; two or three stones are also used as anvils for working the iron obtained by barter, or for the purpose of grinding berries, and besides these a few smaller stones are to be seen used for hammer stones or rubbing stones. The other types of stone implements, which link up the Bushmen with the prehistoric cultures of South Africa, are now almost certainly no longer made; nor, too, are the crude pots of clay formerly used by the Cape Bushmen.

From the skins of animals killed in the chase, again, are made karosses, loin cloths, sandals, caps, leather bags, quivers, tobacco pouches, etc. The sinew is used for making bowstrings, for reinforcing the shafts of the bows and arrows, and as thread for sewing skins, while in some cases it also provides the string for the nets in which personal belongings are carried. The long bones of the ostrich and various kinds of big game are used for making the foreshafts and points of arrows, while other bones are made into knives, awls, pipes, etc. Horns are manufactured into spoons, whistles, small quivers for carrying arrow-points during the rainy season, implements for stripping the fibre required for snares, artificial leeches, etc., while the stomach of large animals, when not required for food, is fashioned into bags for collecting the blood and for carrying water.

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
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PLATE XI

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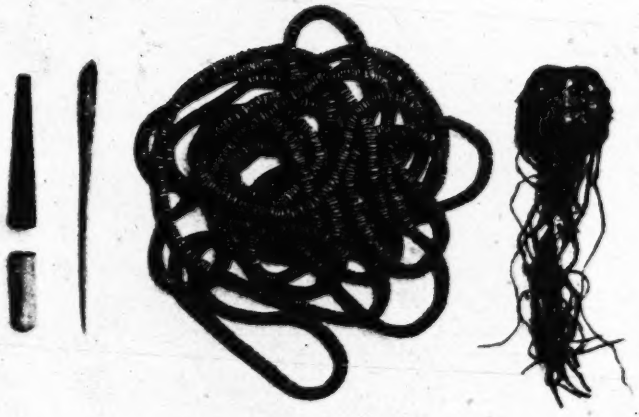

a b c d

British Museum

BUSHMAN ORNAMENTS AND UTENSILS

a. Serpentine and Bone Pipes
b. Bone awl
c. Waistband of Ostrich egg-shell beads
d. Tortoise-shell box for holding *buchu*

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L. Fourie

BUSHMAN SNARE FOR HUNTING GAME

[*facing p.* 138]